

527

PCT/PTO 03 MAY 2000

(REV 12-29-99)

TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371

97P 8646P

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

09/530653

INTERNATIONAL APPLICATION NO.  
PCT/DE98/03207INTERNATIONAL FILING DATE  
03/11/98PRIORITY DATE CLAIMED  
03/11/97

## TITLE OF INVENTION

Product, particularly of a gas turbine, with ceramic thermal barrier coat

## APPLICANT(S) FOR DO/EO/US

Beate Heimberg et al.

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).
4. ☒ A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - a. ☐ is transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☒ has been transmitted by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ A translation of the International Application into English (35 U.S.C. 371(c)(2)).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☒ have been transmitted by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☐ have not been made and will not be made.
8. ☒ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☒ A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

## Items 11. to 16. below concern document(s) or information included:

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☒ A **FIRST** preliminary amendment.  
☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
14. ☒ A substitute specification.
15. ☐ A change of power of attorney and/or address letter.
16. ☐ Other items or information:

09530653-12200

17. ☒ The following fees are submitted:**BASIC NATIONAL FEE (37 CFR 1.492(a)(1)-(5)):**

Neither international preliminary examination fee (37 CFR 1.482)  
nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO  
and International Search Report not prepared by the EPO or JPO ..... \$970.00

International preliminary examination fee (37 CFR 1.482) not paid to  
USPTO but International Search Report prepared by the EPO or JPO ..... \$840.00

International preliminary examination fee (37 CFR 1.482) not paid to USPTO but  
international search fee (37 CFR 1.445(a)(2)) paid to USPTO ..... \$690.00

International preliminary examination fee paid to USPTO (37 CFR 1.482)  
but all claims did not satisfy provisions of PCT Article 33(1)-(4) ..... \$670.00

International preliminary examination fee paid to USPTO (37 CFR 1.482)  
and all claims satisfied provisions of PCT Article 33(1)-(4) ..... \$96.00

**ENTER APPROPRIATE BASIC FEE AMOUNT =**

CALCULATIONS PTO USE ONLY

\$ 840.00

Surcharge of \$130.00 for furnishing the oath or declaration later than ☐ 20 ☐ 30  
months from the earliest claimed priority date (37 CFR 1.492(e)).

\$

CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE
Total claims	22 - 20 =	2	X \$18.00
Independent claims	3 - 3 =	0	X \$78.00
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$260.00

\$ 36.00

\$ 0.00

\$ 0.00

**TOTAL OF ABOVE CALCULATIONS =**

\$876.00

Reduction of 1/2 for filing by small entity, if applicable. A Small Entity Statement  
must also be filed (Note 37 CFR 1.9, 1.27, 1.28).

\$ 0

**SUBTOTAL =**

\$ 876.00

Processing fee of \$130.00 for furnishing the English translation later than ☐ 20 ☐ 30  
months from the earliest claimed priority date (37 CFR 1.492(f)).

\$ 0

**TOTAL NATIONAL FEE =**

\$ 876.00

Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be  
accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +

\$ 0

**TOTAL FEES ENCLOSED =**

\$ 876.00

Amount to be  
refunded:

\$

charged:

\$

a. ☒ A check in the amount of \$ 876.00 to cover the above fees is enclosed.b. ☐ Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_ to cover the above fees.  
A duplicate copy of this sheet is enclosed.c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any  
overpayment to Deposit Account No. 02-2556. A duplicate copy of this sheet is enclosed.**NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.**

SEND ALL CORRESPONDENCE TO:



SIGNATURE:

Daniel C. Abeles

NAME

25,822

REGISTRATION NUMBER

09/530653

97P 8646P

1

526 Rec'd PCT/PTO 03 MAY 2000

DATE OF DEPOSIT: 05/03/00

EXPRESS MAIL NO: EK062293445US

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of	)
	)
WOLFRAM BEELE .	)
	)
Serial No.: Not Assigned Yet	)
	)
Filed: May 3, 2000	)
	)
Entitled:	) Attorney Docket No.: 97P 3828P
	)
PRODUCT DESIGNED FOR HOT GAS	)
ADMISSION AND PROCESS TO PRODUCE	)
A COATING FOR A PRODUCT DESIGNED	)
FOR HOT GAS ADMISSION	)

Eckert Seamans Cherin & Mellott, LLC  
600 Grant Street, 44th Floor  
Pittsburgh, PA 15219

Assistant Commissioner for Patents  
BOX PCT  
Washington, D.C. 20231

**COVER TRANSMITTAL FOR US APPLICATION**

Please find enclosed, for filing with the United States Patent and Trademark Office, the following documents:

- Transmittal Letter to the United States Designated/Elected Office  
Concerning a Filing Under 35 USC 371

- Certified Copy of the Translation of the original application from German to English
- Conformed Copy of the Translation to insert line numbers and conform pages to amendments
- Two Sheets of Drawings
- Translated Amendment to PCT Application of 12/16/99
- Translated Amendment to PCT Application of 01/14/00
- Translated Annex to PCT International Preliminary Examination Report
- Preliminary Amendment to US Application
- A Check for \$876.00
- A Return Postcard

Respectfully submitted,



Daniel C. Abeles  
Attorney for Applicant  
Registration No. 25,822  
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5/2/00  
Date